

Attorney Docket No.: **33343-01 (ENV-0047)**
Inventors: **Sun et al.**
Serial No.: **09/094,279**
Filing Date: **June 9, 1998**
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Please amend the claims as follows:

I 41. (twice amended) A process as described in claim 36,
wherein the base is a hydroxide compound.

I 72 72. (twice amended) A process as described in claim 71,
wherein the double stranded enveloped DNA virus *Eubaculovirinae*
is selected from the group consisting of:

I 2 a nuclear polyhedrosis virus (NPV) of *Lymantria dispar* NPV,
Anagrapha falcifera NPV, *Spodoptera littoralis* NPV, *Mamestra brassicae* NPV, *Choristoneura fumiferana* NPV, *Trichoplusia ni* NPV,
Helicoverpa zea NPV, *Rachiplusia ou* NPV, an *Autographa californica* NPV selected from the group consisting of V8vEGTDEL,
V8vEGTDEL-AaIT, AcMNPV E2, AcMNPV L1, AcMNPV V8, AcMNPV Px1, and
mixtures thereof; and

a granulosis virus (GV) of the *Cydia pomonella* GV, *Pieris brassicae* GV, *Trichoplusia ni* GV, *Artogeia rapae* GV, *Plodia interpunctella* GV, and mixtures thereof.

I 82 82. (twice amended) A process as described in claim 36,
wherein

I 3 (a) the polymer is selected from the group consisting of an ethyl acrylate/methacrylic acid copolymer having free carboxylic acid groups and ester groups in a ratio of about 1:1, a methyl methacrylate/methacrylic acid copolymer having free carboxylic acid groups and ester groups in a ratio of from about 1:1 to about 1:2, a methacrylic acid/methyl acrylate/methyl methacrylate copolymer having monomers in a ratio of from about 1:5:2 to about 3:7:3, and mixtures thereof;

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I3

(b) the plasticizer is selected from the group consisting of triethyl citrate and a poly(ethylene glycol) having an average molecular weight of about 1,000 to 10,000; and

(c) the activity enhancer is selected from the group consisting of Blancophor BBH, Calcofluor White M2R, Phorwite AR, and mixtures thereof.

I4

99. (amended) A process comprising

(a) preparing an aqueous mixture containing a pesticidal agent, a pH-dependent polymer, a base, optionally a plasticizer, optionally an ultraviolet protector, optionally an activity enhancer, optionally a gladdened, and water;
wherein

(A) the polymer is selected from the group consisting of an ethyl acrylate/methacrylic acid copolymer having free carboxylic acid groups and ester groups in a ratio from about 1:1 to about 1:2, a methacrylic acid/methyl acrylate/methyl methacrylate copolymer having monomers in a ratio of from about 1:5:2 to about 3:7:3 and mixtures thereof;

(B) the plasticizer is selected from the group consisting of triethyl citrate and a poly(ethylene glycol) having an average molecular weight of about 1,000 to 10,000;

(C) the activity enhancer is selected from the group consisting of Blancophor BBH, Calcofluor White M2R, Phorwite AR and mixtures thereof;

(D) the pesticidal agent is a biological insecticide selected from the group consisting of

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*T4
AmH*

- (1) *Melolontha melolontha EPV, Amsacta moorei EPB,*
Locusta migratoria EPV, Melanoplus sanguinipes
EPV, Schistocerca gregaria EPV, Aedes aegypti EPV,
Chironomus luridus EPV, and mixtures thereof;
- (2) *Lymantria dispar NPV, Anagrapha falcifera NPV,*
Spodotera littoralis NPV, Mamestra brassicae NPV,
Choristoneura NPV, Trichoplusia ni NPV,
Helicoverpa zea NPV, Rachiplusia ou NPV, an
Autographa californica NPV selected from the group
consisting of V8vEGTDEL, V8vEGTDEL-AaIT, AcMNPV
E2, AcMNPV L1, AcMNPV V8, AcMNPV Px1, and mixtures
thereof;
- (3) *Cydia pomonella GV, Pieris brassicae GV,*
Trichoplusia ni GV, Artogeia rapae GV, Plodia
interpunctella GV, and mixtures thereof.
- (4) *Togaviridae, Bunyaviridae, Flaviviridae, and*
mixtures thereof;
- (5) *Reoviridae, Birnaviridae, and mixtures thereof;*
- (6) *Picornaviridae, Tetraviridae, Nodaviridae, and*
mixtures thereof;
- (7) *Bacillus thuringiensis, Bacillus lentimorbus,*
Bacillus cereus, Bacillus popilliae, Photorhabdus
luminescens, Xenorhabdus nematophilus, and mixtures
thereof; and
- (8) *Beauveria bassiana, Entomophthora spp.,*
Metarrhizium anisopliae, and mixtures thereof;

wherein the amount of base added is well below the amount required to fully solubilize